

ROUTING AND TRANSMITTAL SLIP		Date
		5/6/85
TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. C/PROCUREMENT MANAGEMENT STAFF/OL		
2.		
3.		
4.		
5.		
Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

## REMARKS

#1 - FOR ACTION

cc: D/SECURITY  
D/LOGISTICS

TRANSMITTAL SLIP		DATE
TO: DDA		3 May 1985
ROOM NO.	BUILDING	
REMARKS:		
FYI.		
FROM: EA/DDCI		
ROOM NO.	BUILDING	EXTENSION

FORM NO. 241  
1 FEB 55REPLACES FORM 36-8  
WHICH MAY BE USED.

(47)

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

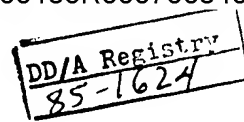
EO/DDA 7D18 HQS	Room No.—Bldg.
	Phone No.

5041-102

OPTIONAL FORM 41 (Rev. 7-76)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206

\* GPO: 1983 O - 381-528 (232)

DDA SOURCE: 114 007  
95-1624



*send  
to DDA  
F.I.*

Gentlemen:

We would like to introduce you to a product which we believe will be of interest to you as a means of improving the ultimate security of your vital personnel and facilities.

The MAC-H Vehicle Barrier presents an aesthetically acceptable means of protecting buildings, entrances, driveways and other sensitive areas where the threat of attack or unauthorized entry must be minimized. It eliminates the need for unsightly chain link gates or wooden arms, which are extremely ineffective in stopping a moving vehicle. The MAC-H System is not simply a barrier to discourage forced vehicle entry, but rather a barrier that WILL STOP a heavy fast moving vehicle.

This patented barrier system is designed for continuous day in, day out use. Provisions have been made for automatic activation, hot and cold weather operation faster lift speed and power outages. When not in use the barrier is located entirely underground, allowing the smooth passage of traffic over it. Upon the need for securing the area, the barrier can be raised to its full height (32") in less than two seconds to present a formidable obstacle to any approaching vehicle in a quiet but firm manner.

We have utilized a modular design which facilitates maintenance and repair. This modular design has the added advantage that it will allow for the rapid re-securing of your facility in the event of a serious violation attempt.

The MAC-H Barrier is available in lengths from 6 to 12 feet wide by 32' high. We also manufacture medium duty barriers in heights of 8" and 16". The barriers come as a complete unit which can be installed in any location and easily moved to a new location should a change in plans occur.

We urge you to consider the utilization of this state-of-the-art Barrier System to protect your vital interests from terrorists, vandals or unauthorized entry. Please phone or return the enclosed card today for more information on this important development in essential physical security.

Sincerely,

FRONTIER MACHINERY COMPANY, INC.

Dennis A. Radeff

**frontier machinery company, inc.**

— SINCE 1950 —

3244 GENESEE STREET, BUFFALO, NEW YORK 14225 PHONE: (716) 895-4040  
876-1111

# MAC-H

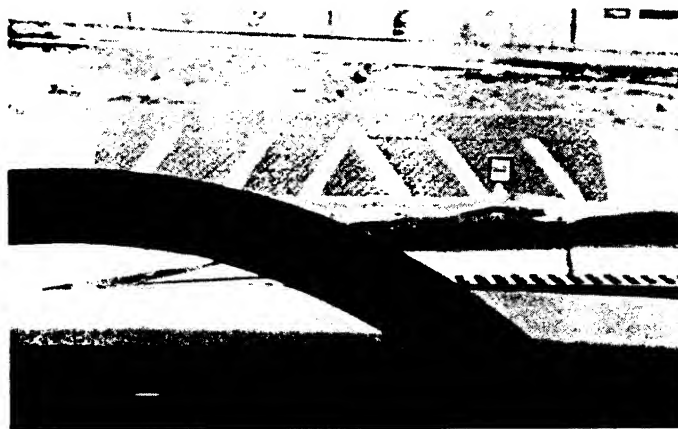
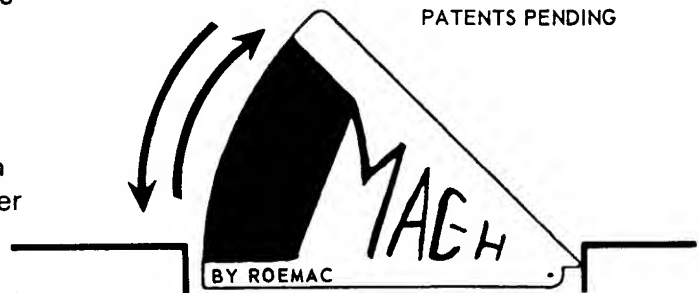
## HEAVY DUTY

# VEHICLE SECURITY BARRIERS

The **MAC-H Vehicle Barrier** is the finest security barrier in the world today. The **MAC-H** combines proven technology with innovative design to produce a barrier capable of stopping heavy, fast moving vehicles as well as providing an effective deterrent to unauthorized entry to restricted areas. The barrier swings into position at the touch of a button to become a solid barrier to traffic.

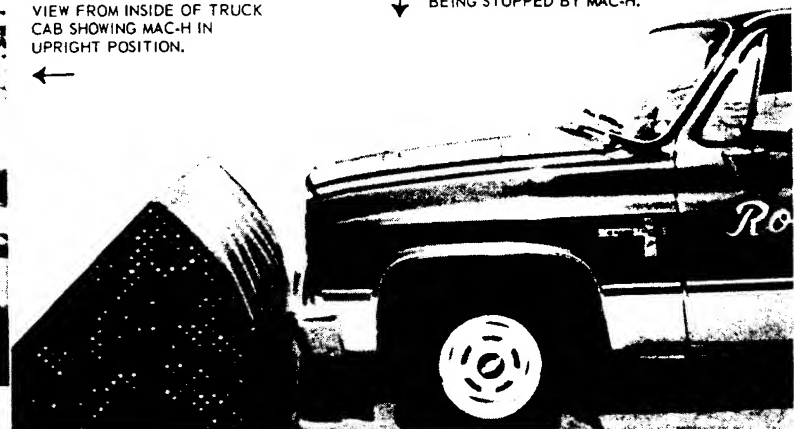
The **MAC-H** is an aesthetically pleasing means of protecting vital facilities from high speed vehicular terrorist assaults.

The **MAC-H Heavy Duty Vehicle Barrier** is a dependable security device designed for continuous day-in, day-out operation. The barrier is located underground and will allow authorized traffic to pass without obstruction. Upon the need to physically secure the facility, the barrier can be raised to its full 32-inch height in 1.8 seconds to present a formidable obstacle to any approaching vehicle.



VIEW FROM INSIDE OF TRUCK CAB SHOWING MAC-H IN UPRIGHT POSITION.

SIDE VIEW SHOWS TRUCK BEING STOPPED BY MAC-H.



The **MAC-H Barrier System** has demonstrated, by actual crash tests, its ability to stop a 9-ton truck traveling at 35 miles per hour without suffering hydraulic system failure or significant structural damage.

MANUFACTURED BY:

**ROEMAC**  
METAL FABRICATING DIV.

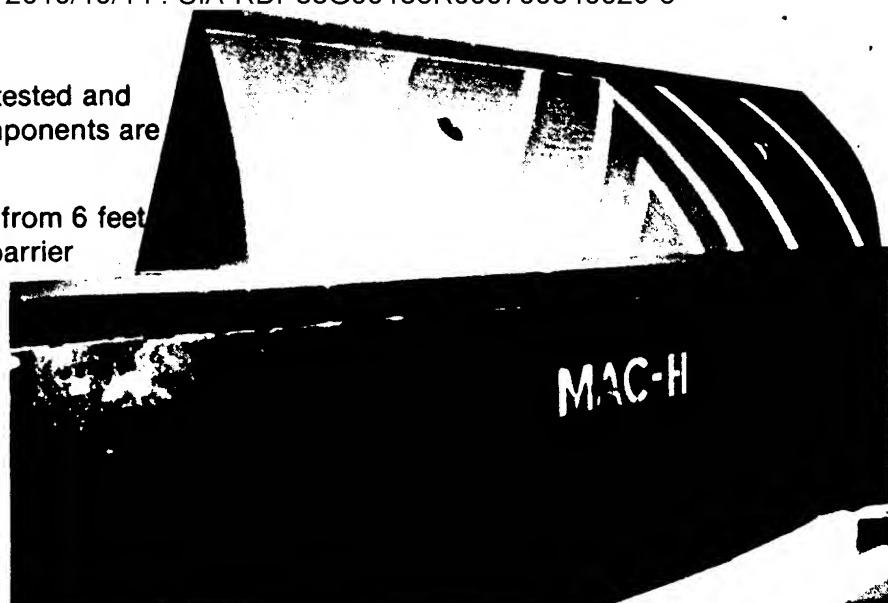
25 FREDERICKA STREET  
NORTH TONAWANDA, N.Y. 14120  
PHONE 716/692-7332

REPRESENTED BY:

**FRONTIER MACHINERY CO., INC.**  
20 JAMES AVENUE  
TONAWANDA, N.Y. 14150  
716-876-1111

Each **MAC-H Barrier System** is fully tested and assembled prior to shipment. All components are of the highest quality available.

All barriers are available in widths of from 6 feet to 24 feet, with an optional multiple barrier configuration available.



### **Specifications:**

- Barrier Height:** All barriers are 32" high above grade when in full up position.
- Barrier Width:** Barriers are available in widths of 6, 8, 10, 12, 16, 20 and 24 feet. Custom width multiple drum systems are available.
- Speed of Lift:** Full down to full up position in 1.8 seconds standard, field adjustable to approximately 1 second.
- Safety:** The **MAC-H Barrier** is a courteous sentry, designed to do its job without overhangs or pinch points. The top surface is a non-skid diamond plate steel for maximum wear and safety.
- Construction:** Heavy gauge steel plates covering structural steel members that are designed to support the weight of heavy vehicular traffic. All welded construction with no protruding bolts.

### **Standard Features on all Barriers:**

- Energy absorbing removable barrier drum with patented rotating feature.
- Heavy steel underground holding tank, complete with sump or drain.
- Integral hydraulic system with manual lifting mechanism for easy maintenance.
- Electrical panel and push button station ready for connection to your power source.
- Manual override hand pump for power out operation.
- Heavy duty high cycle hydraulic cylinders.
- Complete instruction manual including installation, operation and maintenance.

### **Optional Equipment:**

Hydraulic Oil Heater  
Battery Power Backup  
Multiple Station Control  
Card Access Control  
Export Packaging

Hydraulic Oil Cooler  
Heated Sump and Pump  
Automatic Activation  
50 HTZ Motors and Coils

Warning Lights  
Tamperproof Package  
Radio Control Operation  
Portability Package

### **Ordering Information:**

GSA Contract No. GS-OOF-79128  
FSC Class: 4540

Sanitized Copy Approved for Release 2010/10/14 : CIA-RDP88G00186R000700840029-6

**ROEMAC**  
METAL FABRICATING DIV.

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